

# 40 years of Neutron Scattering

A Symposium Honoring  
John Copley, William Kamitakahara and David Mildner



NIST Center for Neutron Research  
Room K-04, February 18<sup>th</sup>, 2016

*Banquet dinner and presentation at 7 p.m.  
Gaithersburg Marriott, Washingtonian Center  
9751 Washingtonian Blvd, Gaithersburg, MD 20878*

# Program

**8:30 a.m.** Registration and breakfast

**9:00 a.m.** Words of Welcome

**9:15 a.m.** Morning Session (Craig M. Brown, Chair)

9:15 a.m. Mike Rowe (NCNR)

*Early Days - McMaster to NIST*

9:45 a.m. David Cole (The Ohio State University)

*Small angle neutron scattering in Earth Science -  
the Mildner legacy*

**10:15 a.m.** Morning Break

10:45 a.m. Bruce Gaulin (McMaster University)

*Frustrated Magnetism Seen Through the Lens of  
DCS*

11:15 a.m. Noboru Wada (Toyo University)

*Quasi-elastic and inelastic neutron scattering studies  
of layered silicates and zeolites.*

**11:45 a.m.** Lunch

**1:30 p.m.** Afternoon Session (Paul Butler, Chair)

1:30 p.m. Dan Neumann (NCNR)

*Orientational Structure and Dynamics of Fullerenes*

2:00 p.m. Phil Bentley (European Spallation Source)

*A whirlwind tour of beamline optimization*

2:30 p.m. Mike Crawford (Dupont (Retired))

*Neutron Scattering Studies of Hybrid Perovskites  
for Photovoltaic Applications*

**3:00 p.m.** Coffee Break

3:30 p.m. Boualem Hammouda (NCNR)

*My 30-year collaboration with David*

4:00 p.m. Yang Zhang (University of Illinois)

*Density Fluctuations in Liquids - from rubidium to  
water, and to complex metallic liquids*

4:30 p.m. Terrence Udovic (NCNR)

*Adventures in Neutronland from Metal Hydrides to  
Ionic Conductors*

**7:00 p.m.** Banquet dinner and presentation

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